

## College Accepts Research Grant

A \$3,000 grant to the College for development of a non-infective poliomyelitis vaccine has been approved by the National Foundation for Infantile Paralysis, it was announced jointly today by Foundation President Basil O'Connor and Dr. Ralph D. Hetzel, president of the College.

The research project will be supervised by D. W. McKinstry, Ph.D., assistant professor in the department of bacteriology. The work will be devoted to studying the possibilities of preparing a safe and efficient poliomyelitis virus vaccine from standard rodent-adapted strains.

The grant is one of 29 totaling \$1,527,700 recently approved by the Foundation, and brings to \$11,071,962.34 the total appropriated for research and education in the field of poliomyelitis, since founding of the organization by the late Franklin D. Roosevelt in 1938. Polio research and education, like the actual treatment of polio patients, are supported by the March of Dimes.

## ME Department Head Retires To Enjoy Life After 22 Years

"I just want to sit back and do only the things I want to do, spend my summers at Thousand Islands, winters in State College, and enjoy life with my seven grand children," said Professor Harold Everett, retiring head of the mechanical engineering department.

Professor Everett has been at Penn State for 22 years. His untiring efforts and mechanical skill can hardly be measured in terms of service, but rather it can be represented in the thousands of mechanical engineers who have graduated from the College in the past two decades.

Graduating from Massachusetts Institute of Technology in 1902, Professor Everett became an associate professor of engineering at the Institute. Thirteen years later he went to Annapolis. Following a two year period of extensive study, Mr. Everett became a professor of Marine Engineering.

In 1919 the professor left the Naval Academy to work for the Union Ship Building Company in Baltimore. Decline in ship building activities following the first World War led Mr. Everett to accept a position on the faculty at the College as an associate professor of mechanical engineering. Four years later he became a professor of thermo-dynamics. In 1931 he was chosen as head of the mechanical engineering department.

Mr. Everett is the author of numerous papers on engineering subjects and of the book, *Thermo-dynamics*, published in 1937. He is a member of the Society of Naval Architects and Marine Engineers, the American Society of Mechanical Engineers, Sigma Xi, Phi Kappa Phi, Sigma Tau, and Pi Tau Sigma.

## Don Newbury

1941 graduate of the College, and former lacrosse player, plans to promote the "Indian game" in Texas where he is now employed.

## Dr. Frear Classifies Chemical Compounds

Development of a classification system for chemical compounds that may eventually be used by all large research organizations in institutions, industry, and chemical warfare is the achievement of Dr. Donald E. H. Frear, professor of agricultural and biological chemistry at the College.

Doctor Frear initiated his punch card filing system five years ago when he began the job of investigating and classifying chemical compounds being used as insecticides. He has classified over 10,000 compounds to date, and since several copies of each card must be made, the completed file now contains some 40,000 punch cards.

Except for files kept by several large manufacturers of insecticides, this classification represents the only extensive work in this field to be found in any institution in the United States, according to Doctor Frear.

### Survey Contains DDT Report

A valuable contribution made by the survey is a comprehensive report on DDT. The research and demonstrations conducted upon this remarkable insecticide, the subject of over 1000 articles, both scientific and popular, reveal both further uses and limitations of DDT.

Contrary to popular notion, DDT is not a new chemical. It was first prepared by a man named Zeidler, who worked at the University of Strasbourg in Germany in 1874, some 72 years ago. However, it is true that the remarkable insect-killing power of DDT was not noticed until 1936 when a Swiss chemist tested it against clothes moths. War led to its further development in this country.

Doctor Frear is conducting this survey as a research project for the Agricultural Experiment Station. He has been aided by members of the Botany, Entomology, and Zoology staff, as well as by those in the department of agricultural and biological chemistry. He also works in conjunction with the National Research Council at Washington, D. C.

### Investigates 2000 References

During the five years Doctor Frear has been working on this project, he has investigated over 2000 references in locating the 10,000 insecticides he has already

## Home Ec and Ag School Plan Beaver Field Picnic

Students and faculty of the School of Agriculture and the department of home economics at the College will hold a picnic Saturday on New Beaver Field at 2 p. m. The program will begin with a ball game, Dean Lyman E. Jackson, of the School of Agriculture, umpiring.

Following the ball game, contests and other games will be held in the horticulture woods, east of New Beaver Field. Included on the program are volley ball, tug of war, hog calling, barnyard golf, rolling pin throwing, group singing, and guessing games.

Highlight of the picnic will be a pig barbecue to be served at 5:30 p. m.

## Leo Houck

Lion boxing coach, will conduct a series of boxing clinics next winter for high school coaches and officials.

classified according to chemical structure and toxicity.

Some results of this survey, including the report on DDT, have been published recently in a pamphlet entitled "Science for the Farmer," prepared by the Agricultural Experiment Station. A two-volume report on the survey to date will be published soon by Doctor Frear.

Workers in the survey, besides Frear, are Leslie E. Dills, professor of economic entomology; Harold J. Miller, professor of plant pathology; and Miss Frances M. Sunday, a technician in the department of agricultural and biological chemistry.

## Ag Society Reactivates

Inactive since 1943, the College student branch of the American Society of Agricultural Engineers reorganized last week with a beginning membership of 25.

Harold Wakefield was elected president to serve for the remainder of this semester and for the Fall semester. Aiding him will be Burton Horne, vice-president; Joseph McCurdy, secretary-treasurer; and Robert Crist, scribe.

Edward Frey and Burton Horne were elected as representatives to Ag Student Council. William F. Ackerman, professor of agricultural engineering, is the faculty adviser.

Thursday the club will make an all-day field trip through southern Pennsylvania. Students will inspect the recently-completed power plant of the Pennsylvania Edison Co. at Williamsburg, and the Hertzler and Zook machinery factory at Belleville.

All agricultural engineering students will be excused from classes on that day.

### Notice Veterans

All veteran students who do not plan to return for the summer session are asked to fill out an Interruption Form before leaving school this semester. Arrangements have been made for veterans to take care of this matter in the First Floor Lounge of Old Main on June 20th or veterans may call at any time at 108 Old Main before June 20th.

## Campus Closeups

will feature the members of Alpha Omicron Pi, winners of the Panhellenic Sing, over WMAJ at 6:45 p. m. Thursday. Students are invited to attend the broadcast, which will originate in above sea level and has a population of approximately 6,400.

## Automotive Engineers Hear Neyhart Talk On Truck Operation

Driver selection and training is essential to safety and economy in commercial motor fleet operation, Prof. Amos E. Neyhart, administrative head of the College Institute of Public Safety, told the summer meeting of the Society of Automotive Engineers at French Lick, Indiana, yesterday.

Professor Neyhart suggested that the basic training generally employed for airlines pilots be adapted to the land vehicle field.

"Effective operation and maintenance of trucks has become big business," Professor Neyhart said. "Fleet operators have discovered that thousands of dollars can be saved through effective driver selection and training. Moreover, if restrictive legislation which would affect truck and bus operations is to be avoided, the industry itself must utilize to the utmost extent proved methods which will result in accident-free operation."

Among the "tools of selection" listed by Professor Neyhart as helpful in finding satisfactory drivers are job analysis, intelligence tests, physical tests, personality inventories, and psychophysical tests for driver limitations.

## No More Forgetful Professors

The age of the absent-minded professor is over, says George Donovan at Student Union desk. As an example to prove that the students at the College are more forgetful than their professors, Mr. Donovan points to the dozens of students who come to the desk during the day, looking for lost articles. He estimates that at least 30 wander in every class hour.

As further evidence that professors aren't as absent minded as their students, he refers to Lowell Thomas, Boake Carter, and Time magazine who have printed articles about Penn State's ratio of student forgetfulness.

For every professor on campus, Mr. Donovan said, there are six students. Yet every article which a professor has lost, there are 50 which students have overlooked.

Operating the only lost and found service on campus, Student Union reports that during the last 19 months, 2,489 articles valued at \$8,814.64 were returned to their proper owners. Among these articles were some 900 books, 129 fountain pens, 330 notebooks, 93 coats, 89 pairs of glasses, 77 slide rules, 156 pocketbooks, 20 rings, 29 watches, 98 hats, 95 raincoats, 37 umbrellas, 63 keycases, 57 scarves, 144 pairs of gloves, 7 brief cases, 3 cameras, 3 pairs of shoes, 1 hunting license, 1 tennis racket, and 1 typewriter. One article recognizable as a professor's was a pair of spats.

Take your glasses off your forehead, prof! You're only kidding.

State College is 1,220 feet above sea level and has a population of approximately 6,400.

## Students--Blissful Days Are Coming!

Collegian is going daily! Next fall all you faithful followers of the "Dark and Bitter Look", you who never miss a name in "Old Mania" and you who only read the sports page will be picking up your Collegian at the Student Union desk four times a week.

Shortages of men, money and materials during the war forced Collegian to restrict publication to only one issue, and later two issues, a week, but with the return of the GI's and increased financial support the paper is ready and willing to return to its pre-war state.

This year, 1946 marks the 42nd year of publication of the Collegian. Forerunner of the Collegian was the "Free Lance" published 32 years after the founding of the college. The first issue of the "Free Lance" appeared in April but when an issue dated April appeared the last day in May the staff shook their heads and retired.

And so, as the story goes on September 30, 1904 the Collegian was born. At first the paper was known as the State Collegian but as the years went by the name was changed to the Penn State Collegian.

During the last war women really came into their own on the good, old sheet. Out of the seven editors from 1940-44 five were women.

Time . . . next fall, place . . . Student Union desk . . . what . . . DAILY COLLEGIAN.

## Pure-Bred Heifer Sale Brings \$14,212 at Auction

Sale of 55 purebred Aberdeen-Angus heifers brought \$14,212.50 at the auction held in the Beef Cattle Barn at the College on Saturday afternoon. The cows brought an average price of \$253.

Prominent at the show was Samuel Laub, a junior in the department of animal husbandry, who auctioneered the 55 animals. Only one heifer brought less than \$200 dollars, while two were sold for \$405 apiece.

About 400 people from various parts of the state attended the show, sponsored by the Pennsylvania Aberdeen-Angus Breeders Association.

The main campus covers 235 acres while the College owns a total of nearly 2,800 acres.

NOW

AVAILABLE!

- "Spellbound"
- "Concerto, No. 2 in C Minor" Al Goodman
- "Spring Magic" Charlie Spivak
- "Cynthia's In Love" Tex Beneke
- "Cement Mixer" Bob Crosby
- "Am I Blue"
- "How Little We Know" Hoagy Carmichael
- "The Gypsy" Sammy Kaye

MUSIC ROOM

Glennland Bldg.

SHAMROCK SALON

of

PHOTOGRAPHY

— Brides —

For a "Portrait That Lives" have the Shamrock Salon do your portrait "painted with light."

ANYWHERE — ANYTIME



C. WESLEY DUKES

204 1-2 E. College Avenue.—2nd Floor

STATE COLLEGE, PA.

DIAL 4769

The  
FIRST NATIONAL BANK  
of  
STATE COLLEGE

Member of

Federal Deposit Insurance Corporation